

	Total	N-Clones (208F-FE-8)	T-Clones (FE8-208F)
Number of sequenced cDNA clones	1257	669	588
Number of individual sequences	823	416	407
Sequence analysis			
Known genes (nr/Genbank)	427	207	220
Expressed Sequence Tags (dbest)	303	161	142
No similarity in data bases (new)	93	48	45
<b>Expression analysis: Reverse Northern Analysis/con- ventional Northern Blot</b>			
Differentially expressed	393	225	168
Known genes	244	126	118
Expressed sequence tags	104	74	30
New sequences	45	25	20
Not differentially expressed	194	86	108
Not detectable in expression analysis	236	105	131

**FIG. 1**





**FIG. 2B**

**FIG. 2C**

[illegible]



**FIG. 2E**

[illegible]

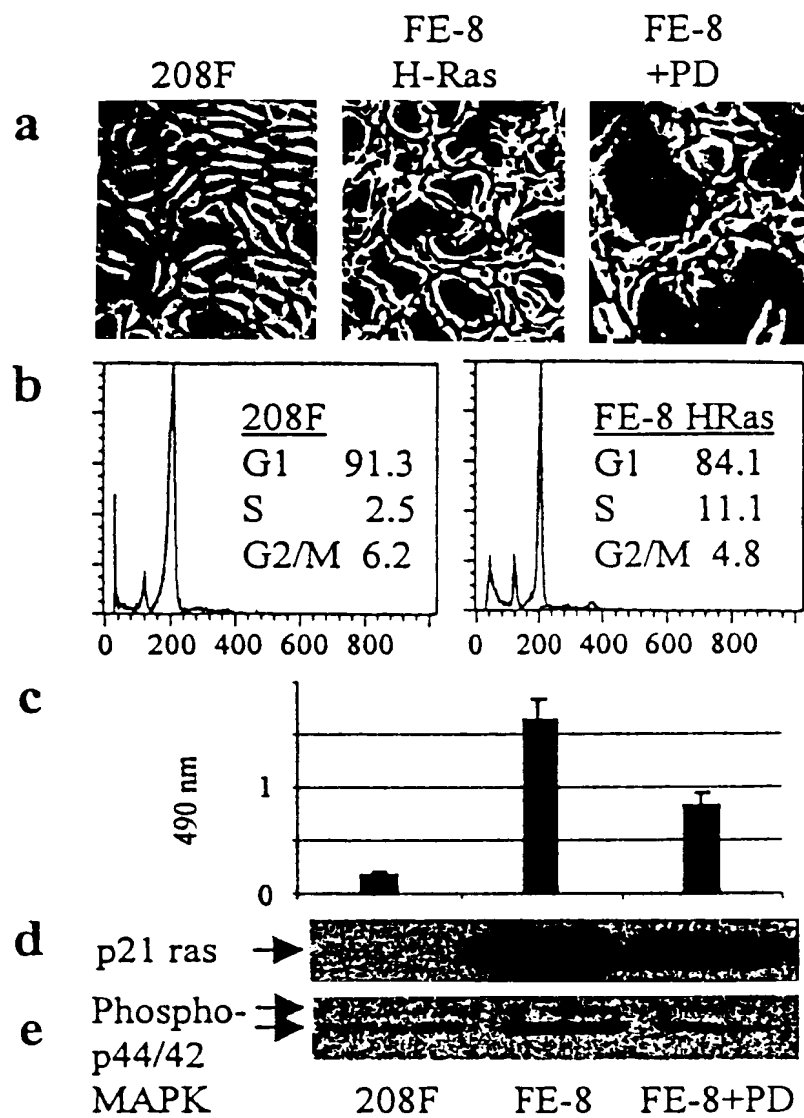
Sequence Identity (GenBank/EMBL)	Expression Strength			Sequence Identity (GenBank/EMBL)	Expression Strength		
	208P	FE8	FE8 -PD		208P	FE8	FE8 -PD
3-hydroxy 3-methylglutaryl-CoA synthase	++	+	++	Bleomycin hydrolase	+	+++	++
ABP-28 (actin binding protein/tilamin)	++	++	++	BRCA1-associated RING protein (BARD1)	0	++	-
Alpha-actinin	++	+	++	EB-19K/Scl-2-binding protein (Nlps)	0	+++	++
Antioxidant enzyme AOS371	+	+	+	Exportin	+	+++	++
APB6 (leukemia-inhibiting protein)	++	0	+	FEH-1 (flap endonuclease-1)	0	+++	-
Ca2+	+	0	++	FRPPL (T-cell-specific immunophilin)	0	+++	-
Centromere protein CENPC (a)	+++	0	+	FLIP (FLICE-like inhibitory protein)	0	++	0
Collagen alpha 1	++	+	++	GEF-H1	0	+++	-
CSF-1 (colony stimulating factor 1)	++	0	+	IAP10 (carnitine associated polypeptide 1)	0	+++	0
EBP24 p36 phosphoprotein	++	0	++	NAM domain protein	0	+++	-
EBP3 transcription factor	+++	+	++	NAP-kinase phosphatase (Np21) (c)	0	+++	-
ELF transcription factor	+++	0	++	NAP-10 (Gluonelysin-2) (d)	0	+++	0
Eukaryotic	+++	+	++	NAP-3 (Stromelysin-1)	0	+++	0
Fluorescein-related protein: fsc36	+	+	++	Nyb-binding protein (Nl60)	-	+++	-
GRB4, oncoplasmin	+++	+	++	NF-1 transcription factor	0	++	0
Grainlike protein	+++	0	+	Nucleosomal endonuclease (NMP)	+	+++	++
Heat shock protein 91	++	0	++	Nucleolin (N9) v2a ovary regulated	-	+++	-
HSP core fibrocytic (cytochrome 2)	++	0	+	p67 (phosphorylated 67 kDa protein)	0	+++	++
Interferon induced gene	++	0	+	PKB kinase	0	+++	-
L1 retroposon (ORF2)	+++	0	++	Rap1a GTP binding protein (a)	0	+++	-
Laminin A1	++	+	++	Ras-GTPase-activating protein	0	+++	-
Lysyl oxidase	++	0	+	Recal (rat epineurochellar ataxia gene)	0	+++	+
Lysyl oxidase-related protein (W38-14)	++	0	+	SA 1 (stromal antigen)	0	++	+
Maria gene	++	0	+	Sort1 (Sortilin)	0	+++	++
MX2-2 (Gelatinase A)	+	0	++	TSG101 (tumor susceptibility protein)	++	+++	++
miR33 (transcriptional activator)	++	+	++				
Nuclear autoantigen GS2WA	++	0	++				
Osteonoglycin	++	0	++				
P5 protein	++	+	++				
P-cadherin	++	0	++				
Proteinase-like protein (PHLP)	++	0	+				
Serum inducible kinase (SMK)	++	0	++				
STAT61 transcription factor	++	0	++				
Thrombospondin 1	++	0	+				
TM2-2 (inhibitor of metalloproteinase 2)	++	+	++				
TRPM-2/clusterin (b)	++	+	++				

FIG. 3

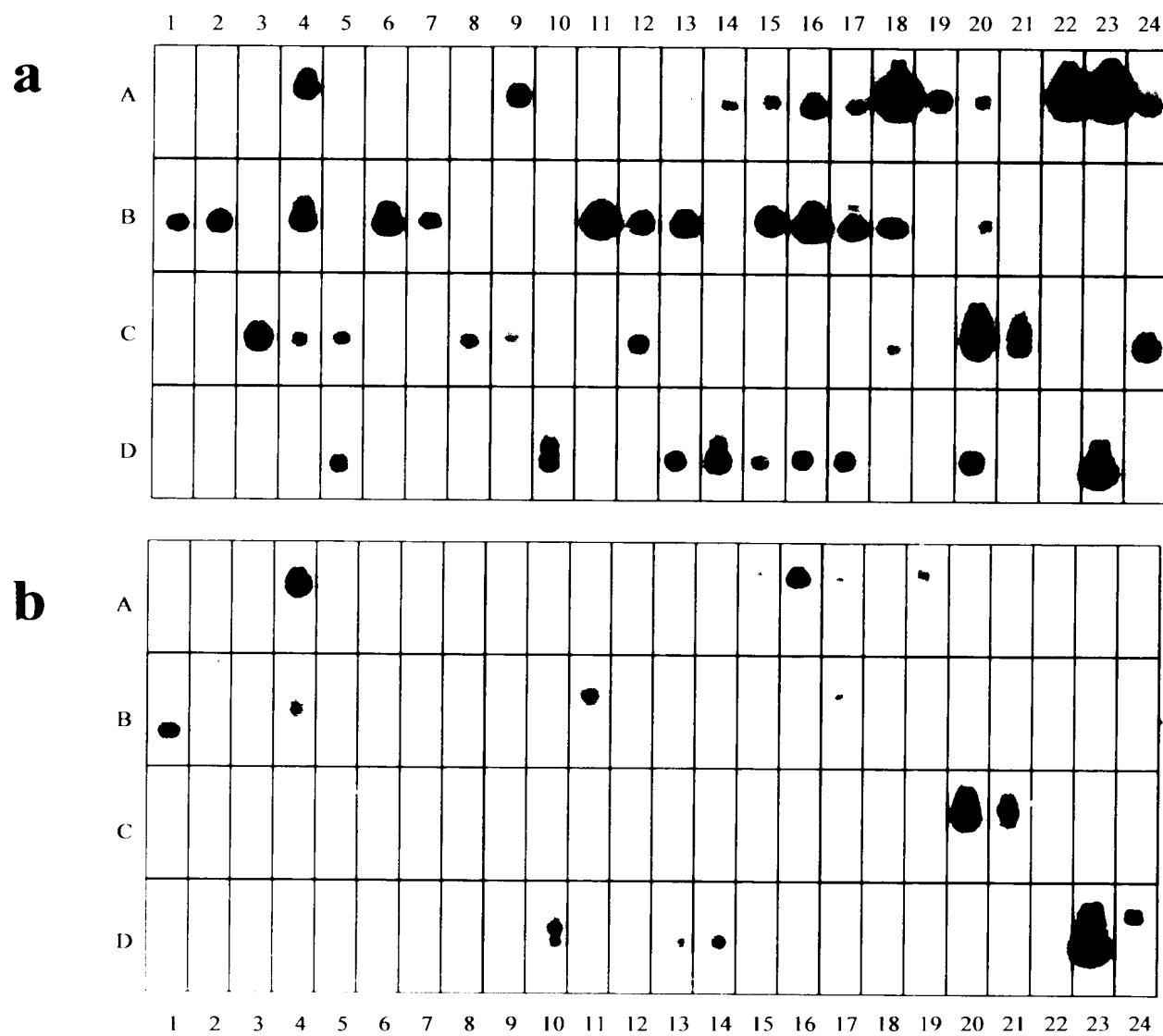


Sequence Identity (Genbank/EMBL)	Expression Strength			
	208F	FE-8 H-Ras	208F K-Ras	208F N-Ras
ABC transporter MOAT-B	0	++++	0	+
BRSC-1 (breast cancer suppressor candidate 1)	+	++++	0	+
Cyclooxygenase 1	+	++++	+	+++
E1B 19K Bcl-2-binding protein (Nip3)	0	++	++++	++
EST AA743517	+++	+	0	++
EST AA792426	+	++++	+	+
EST AA904000	+	++++	+	++
ETP IEA domain containing transcription factor	+++	0	+-	++
Farnesyl pyrophosphate synthetase	+	+++	0	+
FEH-1 (clap endonuclease-1)	0	++++	+	0
FLIS (FLICE-like inhibitory protein)	0	+	+-	+++
GRF1 protein tyrosine kinase 1	+	++++	+	+
MAGE-B gene cluster	0	++++	0	0
MAF-kinase phosphatase (cpg21)	0	+-	+++	+++
MAHCKS	++++	0	+	+++
NMF-10 (Stromelysin 2)	0	++	++	++++
Nip-1 (f)	0	++++	+-	+
MTFEB (K-linked transcriptional activator)	++++	0	+	+
Myb-binding protein (P161)	+	++++	+-	++
novel transcript N317	+++	0	+-	+++
P-cadherin (p)	++++	0	0	++
Phosphatidylinositol 3-kinase p170	+++	0	+	++
Ras-GTPase-activating protein	0	++++	0	0
SRF1 phosphatase	0	++++	+	+
Serum inducible kinase (SNK) (h)	++++	0	+++	+++
Tyrosine phosphatase IA-2a (i)	0	++++	0	++

**FIG. 4**



**FIG. 5**



**FIG. 6**

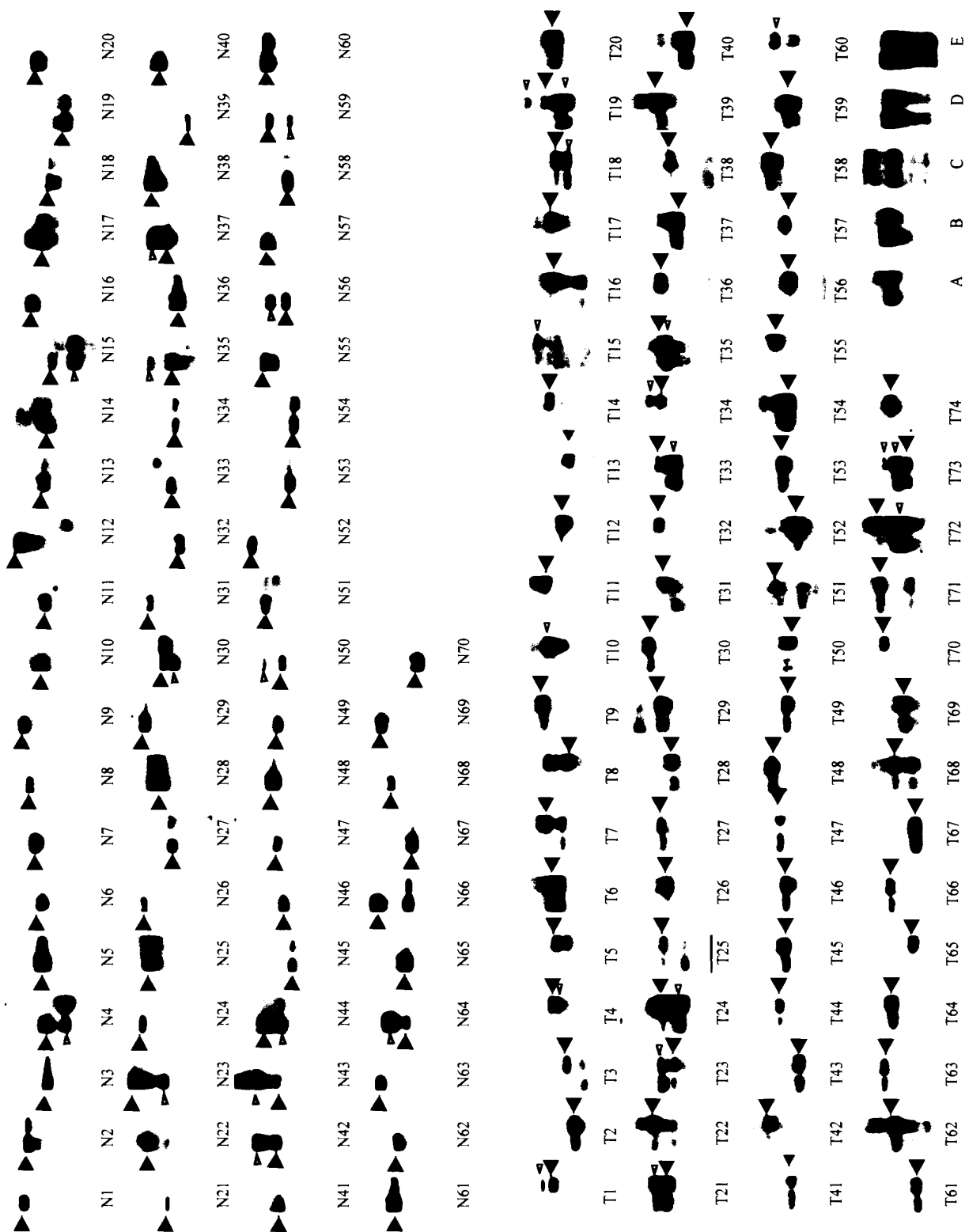


FIG. 7

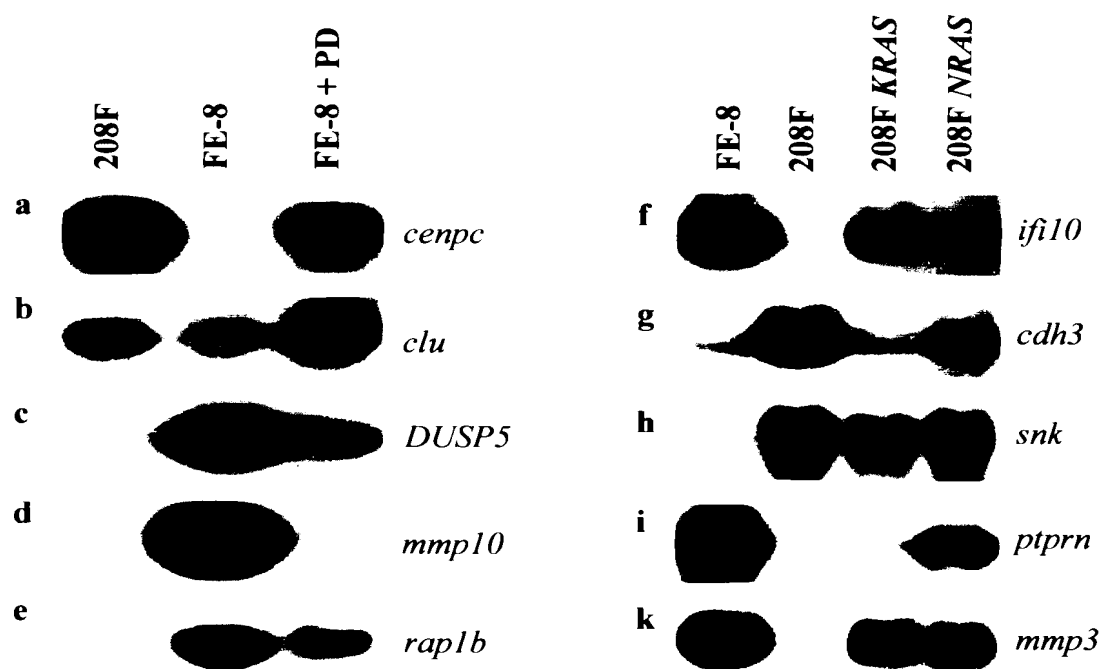
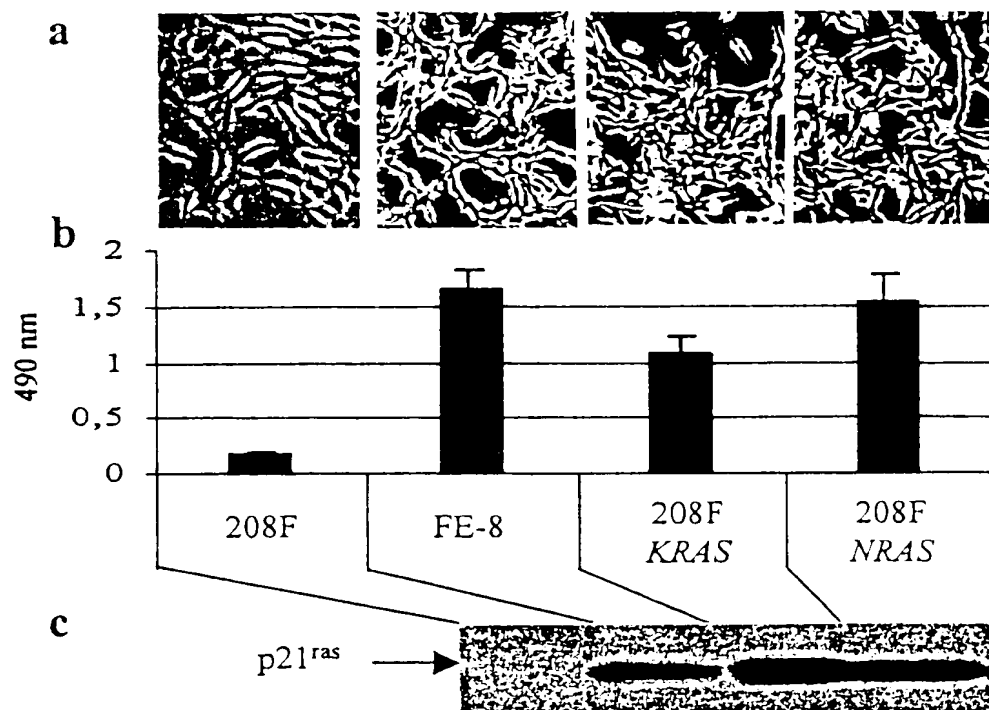


FIG. 8



**FIG. 9**

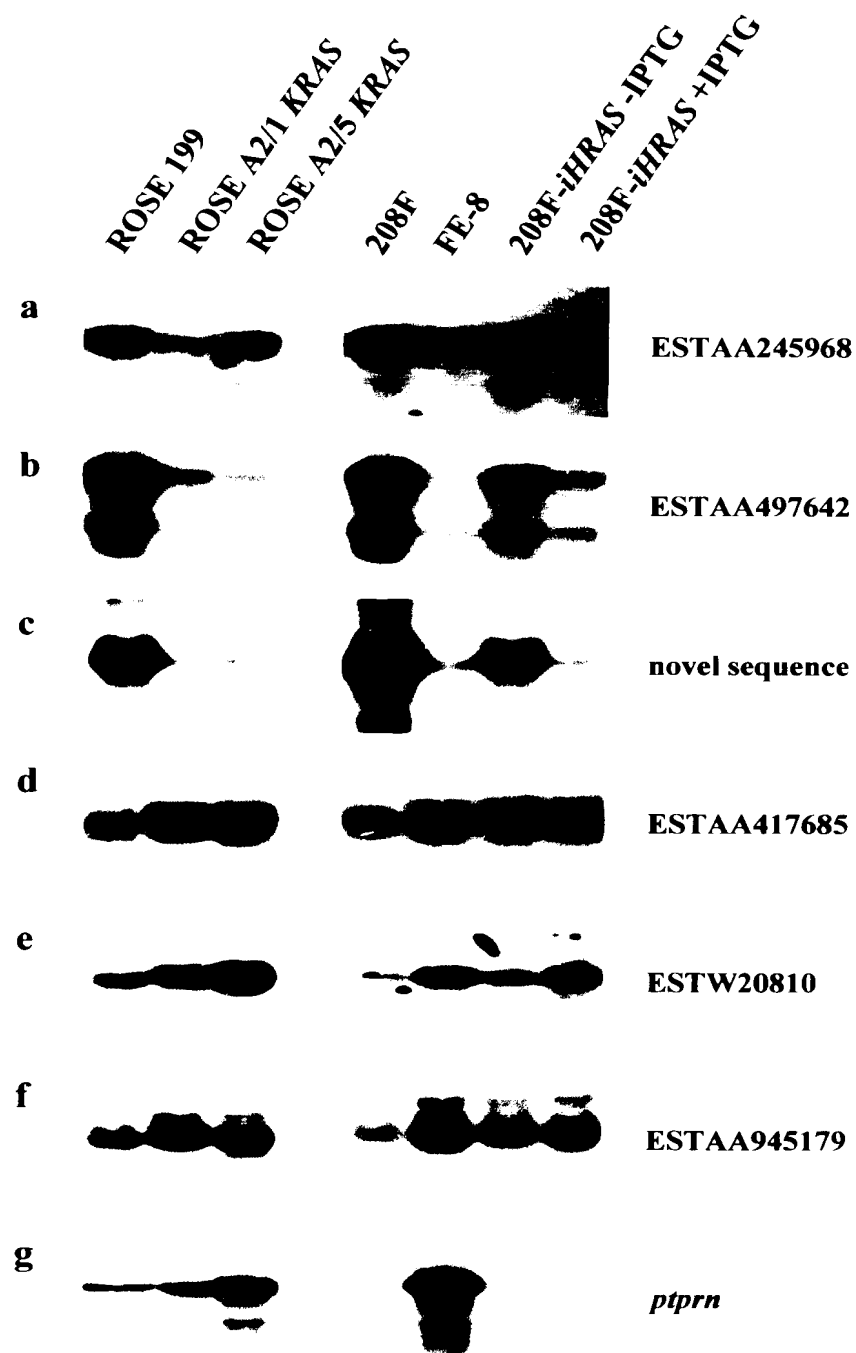


FIG. 10

1 T59  
2 T182  
3 T32  
4 T6  
5 T34  
6 N5  
7 N20  
8 N280  
9 N271  
10 N126  
11 T148  
12 N199  
13 T64  
14 N131  
15 T20  
16 T162  
17 T141  
18 N77  
19 N104  
20 T49  
21 T16  
22 N189  
23 N28  
24 T124  
25 T216  
26 T60  
27 T37  
28 T160  
29 N101  
30 N40  
31 T54  
32 T120  
33 N159  
34 T185  
35 N151  
36 T147  
37 N188  
38 T25  
39 T47  
40 T43  
41 T139  
42 T176  
43 N144  
44 T35  
45 T98  
46 T15  
47 T138  
48 N21  
49 T76  
50 T103  
51 T143  
52 T44  
53 N31  
54 T243  
55 N129  
56 T193  
57 T132  
58 T137  
59 T217  
60 T191  
61 N42  
62 T156  
63 T67

FIG. 11



64 N196  
65 T21  
66 N34  
67 N134  
68 T119  
69 N36  
70 N209  
71 N256  
72 T105  
73 T75  
74 T153  
75 T189  
76 T86  
77 T111  
78 T144  
79 N192  
80 N103  
81 N270  
82 N255  
83 N61  
84 N137  
85 T174  
86 N22  
87 T2  
88 T237  
89 T19  
90 N156  
91 N59  
92 N235  
92 N248  
92 N249  
92 N252  
92 N257  
93 T38  
94 T121  
95 N10  
96 T129  
97 T66  
98 T36  
99 T40  
100 N1  
101 N212  
102 T100  
103 N112  
104 N3  
105 N238  
106 T183  
107 T238  
108 T166  
109 N29  
110 T225  
111 N175  
112 N142  
113 T72  
114 N186  
115 T212  
116 T196  
117 T48  
118 N132  
119 N158  
120 T69  
121 N7  
122 T245

**FIG. 11A**

123 N102  
124 T208  
125 N44  
126 T203  
127 T215  
128 N293  
129 T226  
130 T253  
131 T222  
132 N264  
133 T240  
134 N70  
135 T125  
136 N253  
137 N234  
138 N53  
139 N202  
140 N82  
141 T45  
142 T118  
143 T10  
144 N71  
145 N193  
146 N165  
147 N213  
148 N35  
149 N182  
150 N43  
151 N75  
152 T163  
153 T89  
154 N11  
155 N32  
156 T50  
157 N215  
158 N242  
159 N181  
160 N48  
161 T227  
162 N149  
163 N109  
164 N260  
165 T219  
166 T61  
167 N85  
168 N45  
169 T250  
170 N261  
171 T172  
172 N62  
173 N160  
174 N154  
175 N58  
176 T232  
177 N128  
178 N79  
179 T58  
180 N30  
181 T68  
182 T244  
183 T251  
184 T96  
185 N26

**FIG. 11B**

184 N14  
185 N121  
186 T17  
187 T3  
188 T117  
189 T14  
190 T73  
191 N4  
192 N289  
193 T239  
194 T170  
195 T146  
196 N17  
197 T235  
198 N74  
199 N12  
200 T211  
201 T186  
201 T204  
202 N50  
203 N116  
204 T223  
205 N198  
206 N267  
207 T133  
208 T80  
209 N218  
210 N266  
211 T224  
212 N148  
213 N108  
214 N263  
215 N250  
216 N92  
217 N152  
218 T11  
219 T159  
220 N243  
221 N78  
222 T116  
223 T27  
224 N207  
225 T31  
226 N38  
227 N163  
228 N81  
229 T94  
230 N228  
231 N80  
232 T230  
233 T188  
234 N180  
235 N187  
236 N136  
237 N294  
238 N275  
239 N65  
240 N89  
241 N125  
242 N205  
243 N39  
244 N13  
245 T48

**FIG. 11C**

246 T100  
247 T223  
248 N104  
249 N35  
250 T245  
251 N32  
252 T62  
253 N125  
254 N180  
255 N22  
256 T61  
257 T125  
258 T174  
259 T36  
260 T19  
261 T204  
262 T153  
263 T27  
264 T212  
265 T159  
266 T226  
267 T239  
268 N263  
269 T66  
270 N75  
271 N250  
272 T175  
273 N283  
274 T40  
275 N152  
276 N256  
277 N28  
278 T160  
279 T82  
280 N122  
281 T170  
282 N44  
283 N18  
284 T103  
285 N126  
286 N55  
287 T42  
288 T34  
289 N158  
290 N21  
291 N154  
292 N80  
293 T189  
294 T17  
295 T68  
296 T14  
297 T146  
298 T120  
299 N181  
300 N192  
301 T109  
302 N215  
303 T244  
303 T251  
304 T96  
305 T211  
306 T243  
307 N218

**FIG. 11D**

308	T224
309	T94
310	T183
311	N294
312	T191
313	T88
314	T9
315	N204
316	N175
317	N129
318	T141
319	N188
320	N209
321	T111
322	T144
323	N213
324	N109
325	N62
326	T235
327	N198
328	N148
329	N78
330	T116
331	N46
332	N49
333	N51
334	N52
335	T26

**FIG. 11E**